



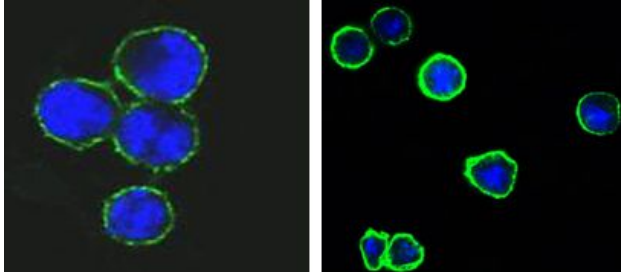
CD37

Mouse monoclonal Antibody

#54038

Catalog Number: 54038**Amount:** 100µg/100µl**Swiss-Prot No. :** P11049**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human CD37 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of CD37 and does not cross-react with related proteins**Reactivity:** Human, Mouse**Applications:**

Predicted MW: 31.7kd ICC:1:200-1000



Confocal immunofluorescence analysis of methanol-fixed BCBL-1 (left) and L1210 (right) cells using CD37 mouse mAb (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

Background:

CD37, also known as GP52-40, TSPAN26, MGC120234. Enterz Protein NP_001035120. It is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.